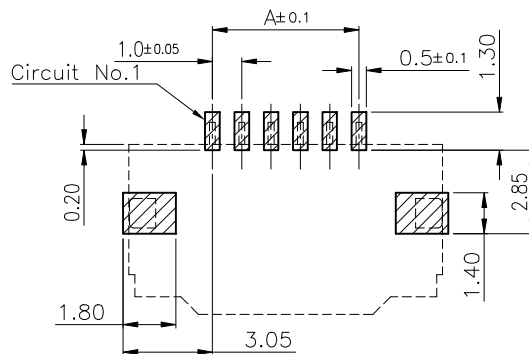
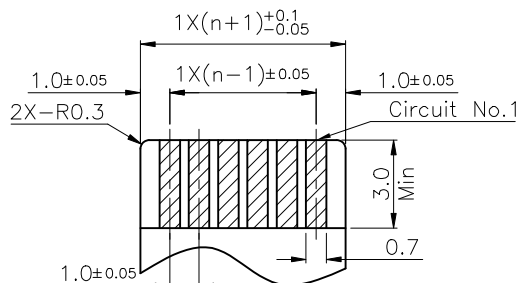
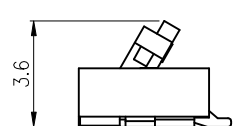
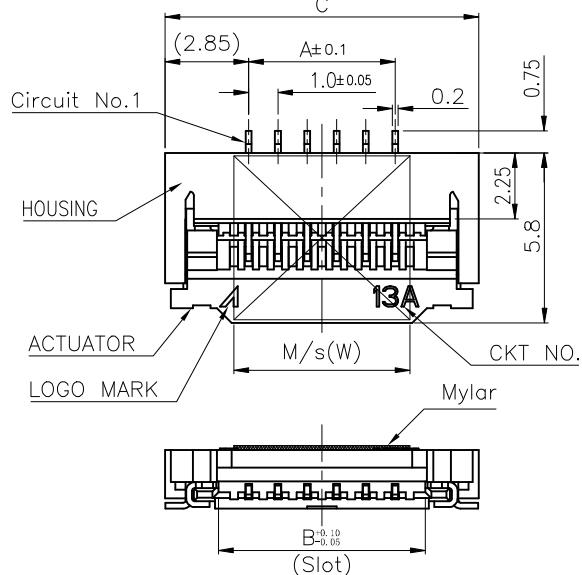
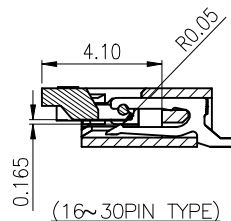




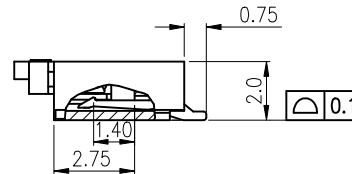
RECOMMENDED PC BOARD
PATTERN DIM.(REF.)



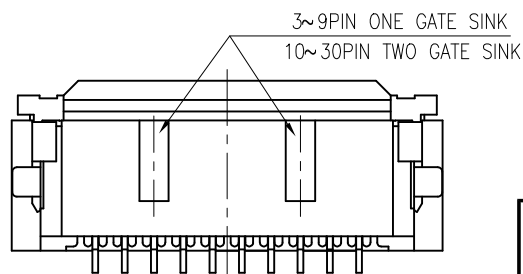
COVER OPEN STATE



(16~30PIN TYPE)



(4~15PIN TYPE)



NOTES:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
- 1.2 ACTUATOR: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK OR WHITE.
- 1.3 CONTACT: phosphor bronze
- 1.4 FITTING NAIL: COPPER ALLOY

2. FINISH:

2.1 CONTACT:

- 1: 50u" MIN. NICKEL UNDER PLATING
GOLD FLASH PLATING
- N: 50u" MIN. NICKEL UNDER PLATING
50u" MIN. MATT TIN PLATING
- T: 50u" MIN. NICKEL UNDER PLATING
10u" GOLD PLATING ON CONTACT AREA
AND GOLD FLASH ON SOLDER AREA
- C: 50u" MIN. NICKEL UNDER PLATING
15u" GOLD PLATING ON CONTACT AREA
AND GOLD FLASH ON SOLDER AREA

2.2 FITTING NAIL:

- N: 50u" MIN. NICKEL UNDER PLATING
50u" MIN. MATT TIN PLATING

3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.

4. SPEC. PLS. REFER TO PS-51619-XXXX-XXX

5. PACKAGE PLS. REFER TO 88241-XXXX-XX-TRP/88241-XXXX-U-TRP

6. PART NUMBER

51653-XXX X X-XXX

XXX	Housing Color	Actuator Color	Halogen Free	PACKAGE
001	Black	White	HF	88241-XXXX-XX-TRP
002	Black	Black	HF	88241-XXXX-XX-TRP
003	White	Black	HF	88241-XXXX-XX-TRP
004	Black	White	HF	88241-XXXX-U-TRP
005	Black	White	HF	88241-XXXX-XX-TRP

PACKING

0: TAPE & REEL

1: TUBE

4: TAPE & REEL WITH MYLAR

PLATING

1: GOLD FLASH (LEAD FREE)

N: MATT TIN (LEAD FREE)

T: 10u" GOLD PLATING ON CONTACT AREA

C: 15u" GOLD PLATING ON CONTACT AREA

CKT	Dim A	Dim B	Dim C	M/s(W)	CKT	Dim A	Dim B	Dim C	M/s(W)
4	3.00	5.06	8.7	6.0	17	16.00	18.06	21.7	10.0
5	4.00	6.06	9.7		18	17.00	19.06	22.7	
6	5.00	7.06	10.7		19	18.00	20.06	23.7	
7	6.00	8.06	11.7		20	19.00	21.06	24.7	
8	7.00	9.06	12.7		21	20.00	22.06	25.7	
9	8.00	10.06	13.7		22	21.00	23.06	26.7	
10	9.00	11.06	14.7		23	22.00	24.06	27.7	
11	10.00	12.06	15.7		24	23.00	25.06	28.7	
12	11.00	13.06	16.7		25	24.00	26.06	29.7	
13	12.00	14.06	17.7		26	25.00	27.06	30.7	
14	13.00	15.06	18.7	15.0	27	26.00	28.06	31.7	15.0
15	14.00	16.06	19.7		28	27.00	29.06	32.7	
16	15.00	17.06	20.7		29	28.00	30.06	33.7	
					30	29.00	31.06	34.7	

QUALITY SYMBOLS

MAJOR



CRITICAL



GENERAL TOLERANCES

(UNLESS SPECIFIED)

X.	±0.5
.X	±0.25
.XX	±0.15
.XXX	±0.1
ANGLES	±2°

DRAWN BY

Sun,Ya Jie

DATE

23'/10/24

CHECKED BY

Xu,ZhiYong

DATE

23'/10/24

APPROVED BY

Xu,ZhiYong

DATE

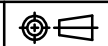
23'/10/24

UNITS

mm

SCALE

4 : 1



SHEET NO.

1 OF 2

REV

L

ACES ELECTRONICS

1.0mm FPC EASY ON CONN.
SMT R/A TYPE

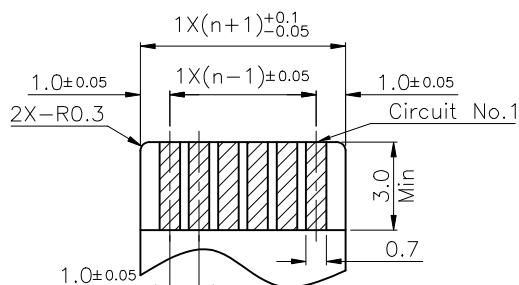
SIZE
A4

DWG NO.

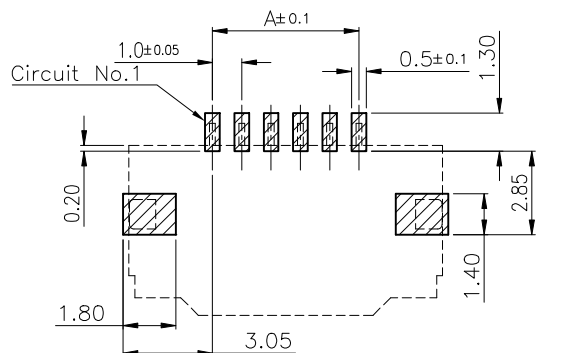
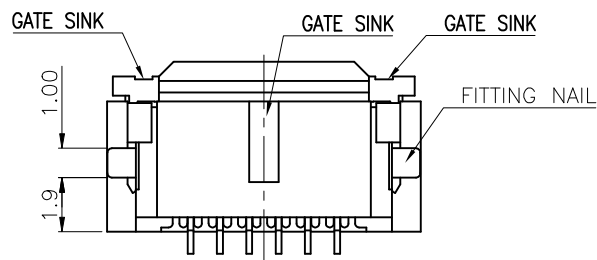
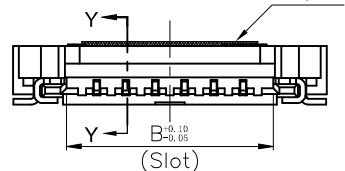
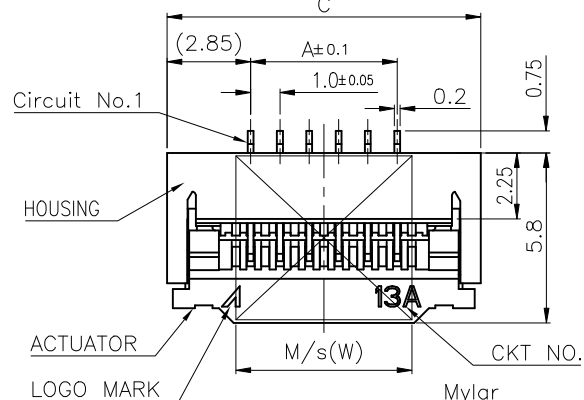
51653-XXXXX-XXX

PART NO.

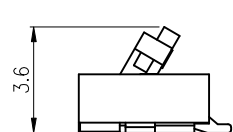
SEE NOTES



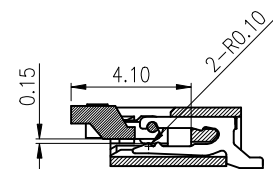
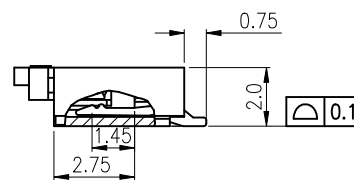
APPLICABLE FPC
RECOMMENDED DIM.
(THICKNESS: 0.3±0.03)



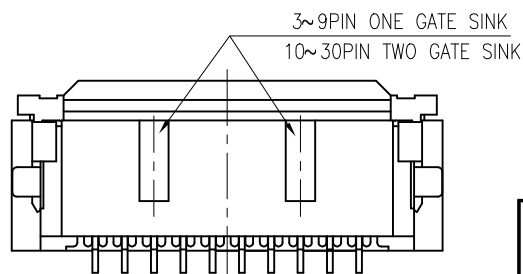
RECOMMENDED PC BOARD
PATTERN DIM.(REF.)



COVER OPEN STATE



SECTION Y-Y



NOTES:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
- 1.2 ACTUATOR: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK OR WHITE.
- 1.3 CONTACT: PHOSPHOR BRONZE
- 1.4 FITTING NAIL:COPPER ALLOY

2. FINISH:

2.1 CONTACT:

- 1: 50u" MIN. NICKEL UNDER PLATING
GOLD FLASH PLATING

- N: 50u" MIN. NICKEL UNDER PLATING
50u" MIN. MATT TIN PLATING

2.2 FITTING NAIL:

- N: 50u" MIN. NICKEL UNDER PLATING
50u" MIN. MATT TIN PLATING

3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.

4. SPEC. PLS. REFER TO PS-51619-XXXX-XXX

5. PACKAGE PLS. REFER TO 88241-XXXX-XX-TRP

6. PART NUMBER

51653-XXX X X-XXX

XXX	Housing Color	Actuator Color	Halogen Free	PACKAGE
005	White	Black	HF	88241-XXCR-XX-TRP

NO OF CKT

PACKING

4: TAPE & REEL WITH MYLAR

PLATING

N: MATT TIN (LEAD FREE)
1: GOLD FLASH (LEAD FREE)

CKT	Dim A	Dim B	Dim C	M/s(W)
23	22.00	24.06	27.7	15.0
24	23.00	25.06	28.7	15.0
26	25.00	27.06	30.7	15.0

QUALITY SYMBOLS MAJOR CRITICAL GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	DRAWN BY Sun,Ya Jie	DATE 23'/10/24	ACES ELECTRONICS	
	CHECKED BY Xu,ZhiYong	DATE 23'/10/24		
	APPROVED BY Xu,ZhiYong	DATE 23'/10/24	TITLE 1.0mm FPC EASY ON CONN. SMT R/A TYPE	
	UNITS mm	SCALE 4 : 1	SIZE A4	DWG NO. 51653-XXXXX-XXX
SHEET NO. 2 OF 2		REV L	PART NO. SEE NOTES	